

Nathan Yan

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EDUCATION

University of California – Berkeley, Berkeley, CA | Class of 2010
Majoring in Electrical Engineering & Computer Science (EECS) – GPA ~3.1

WORK EXPERIENCE

Product Development Intern | June – August 2009

Advent Software, San Francisco, CA

Designed, developed and managed Sharepoint Wiki document management system for QA team

Web Developer | Feb 2008 - Present

Good Work Systems, Berkeley, CA

Upkeep, design of website at www.gamingmouse.com and www.idimama.com

Photography Instructor | Aug 2007 - Present

University of California - Berkeley, Berkeley, CA

Created, teaching Digital Photography course (EECS198); instruction on photographic science and camera operation (341 students thru 5 semesters). www.photodecal.org

Technical Intern | May – August 2007

Maxim Integrated Products, Sunnyvale, CA

Technical intern with signals processing & conversion (SP&C) video design team – performing lab tests/measurements, schematic capture/design, perl scripting

Photo Editor, Staff Photographer, Photoprocessor | September 2006 – Present

The Daily Californian, Berkeley, CA

Training staff, scheduling assignments, processing photos, development of personnel management software. Previously worked as image processor and general assignment photographer

RELEVANT COURSEWORK

Computer Science

Engineering 190 – Technical Communications

CS61A,B,C –Data Structures, Machine Structures, Java, C

CS186 – Database Systems

CS160 – User Interface Design/HCI

CS184 – Computer Graphics

CS188 – Artificial Intelligence*

Info 190 – Web Architecture and Information Management

Info 213 – User Interface Design and Development/HCI

Info 242 – XML Foundations

Info 262 – Tangible User Interfaces

Info 214 – User Experience Research*

Info 247 – Info Visualization*

Electrical Engineering

EE20N – Signals & Systems

EE40 – Microelectronic Circuits

EE105 – Microelectronics II

EE119 – Optical Engineering

*Currently taking

SKILLS

– **Integrated Circuit (IC) Design experience**

- Experience working with lab equipment, testing IC performance parameters
- Experience with Schematic Design/Capture (Viewlogic Viewdraw)
- Experience programming Arduino microcontrollers (C-based)

– **Expertise in computer applications**

- Web Development: **html/css/php/javascript/cakephp framework/MySQL**, various 3rd party APIs photodecal.org (course website for EECS198 Digital Photo), gamingmouse.com, idimama.com (GWS computer peripherals sites), kills.theaaa.org (stats-tracking for campus "Assassins" game), thedailynathan.com/projects.php (list of projects)
- Programming/scripting – **php, java, python, c++, visual basic, sql**
- Digital Imaging: Extensive experience with **Adobe Photoshop, Indesign, Premiere, Lightroom**, other apps

REFERENCES

Please see <http://www.thedailynathan.com/resume.php> for references